

NASA JOHNSON SPACE CENTER ORAL HISTORY PROJECT

BIOGRAPHICAL DATA SHEET

NAME: Norman H. Chaffee

ORAL HISTORY: 19, 25, 31 January 2006
7 February 2006

EDUCATIONAL BACKGROUND:

Attended Rice University, 1955-1958

B.S. in Chemical Engineering, Tulsa University, Tulsa, OK, 1961

M.S. in Chemical Engineering, Tulsa University, Tulsa, OK, 1962

NASA JSC/University of Houston Management Development Program, Houston, TX, 1976

NASA Management Education Program, Wallops Island, VA, 1983

OPM Executive Development Seminar, 1989

Member of the Senior Executive Service Candidate Development Program, 1994

NASA EXPERIENCE:

NASA Manned Spacecraft Center/Lyndon B. Johnson Space Center (JSC), Houston, TX
(1962-Present)

- Aerospace Engineer, Analysis and Application Section, Propulsion and Power Division, (1962- 1975)
- Head, Analysis and Application Section, Propulsion and Power Division (1975-1979)
- Special Assistant, Program Support, Propulsion and Power Division (1979-1980)
- Deputy Chief, Propulsion and Power Division (1980-1984)
- Assistant Manager for Integration, Systems Engineering and Integration Office, Space Station Program Office (1984-1987)
- Deputy Chief, Propulsion and Power Division (1987-1990)
- Manager, Systems Engineering and Integration, Lunar/Mars Exploration Office (1990-1991)
- Acting Manager, Lunar/Mars Exploration Program Office (1991)
- Deputy Chief, Automation, Robotics and Simulation Division, Engineering Directorate (1991- 1996)
- Deputy Manager, Biomedical Hardware Development and Engineering Office, Engineering Directorate (1996)
- Retired (1996)
- JSC Public Affairs' Education and Information Services Branch (1995- 1998)
- Resigned (1998)
- Vice President, NASA Alumni League (1998-2002)
- President, NASA Alumni League (2003-Present)

Awards & Citations:

- Manned Spacecraft Center (MSC) Outstanding Performance Rating, 1965
- MSC Sustained Superior Performance Award, 1965
- MSC Suggestion Award, 1966
- MSC Outstanding Performance Award, 1968
- MSC Quality Salary Increase, 1970
- JSC Superior Achievement Award, 1974 and 1982
- JSC Quality Salary Increase, 1975
- JSC Suggestion Award, 1977
- American Institute of Aeronautics and Astronautics (AIAA) Award for Professional Service, 1977
- JSC Golden Eagle Cost Saving Award, 1979
- AIAA Award for Community Service, 1979
- AIAA Award as Chairman of Best Large AIAA Section, 1980-1981
- NASA Exceptional Service Medal, 1981 and 1988
- JSC Special Achievement Award, 1983
- Outstanding Performance Award, 1983-1993;
- AIAA National Distinguished Service Award, 1984
- Special Achievement Award, 1985
- National Society of Professional Engineers Award as JSC Engineer of the Year, 1987
- National Management Association Silver Knight of Management Award, 1989
- NASA Outstanding Leadership Medal, 1993.

SELECT PUBLICATIONS AND PATENTS:

Norman H. Chaffee, "Manned Spacecraft Center's Experience with the Vacuum Ignition Phenomena in Biopropellant Reaction Control Engines," *American Institute of Aeronautics and Astronautics Third Propulsion Joint Specialist Conference, Washington D.C., 17-21 July 1967.*

REFERENCES:

"Awarded for Improving Their Job," Space News Roundup (NASA Lyndon B. Johnson Space Center), 30 November 1979, 2.

"Houston Section Receives AIAA Award," Space News Roundup (NASA Lyndon B. Johnson Space Center), 19 May 1982, 1.

"JSC Employees Receive Honor Awards," Space News Roundup (NASA Lyndon B. Johnson Space Center), 20 December 1974, 1.

"JSC Employees Receive Top Honors," Space News Roundup (NASA Lyndon B. Johnson Space Center), 22 March 1993, 4.

“JSC Establishes Lunar and Mars Program Office,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 16 February 1990, 1.

“JSC Retiree Gets First AIAA Sustained Service Award,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 7 April 2000, 7.

Lyndon B. Johnson Space Center Telephone Directories (1962-1966; 1968-1969; 1971-1978; 1980; 1984-1987; 1989; 1991-1994; 1996; 1998), Organization Files, Center Series, JSC History Collection, University of Houston-Clear Lake, University Archives, Houston, TX.

“MSC Employees Given Recognition at Special Awards Ceremony,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 9 July 1965, 3.

“NASA Alumni League’s Local Chapter Elects New JSC Officers,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 22 May 1998, 7.

NASA Manned Spacecraft Center News Release, MSC 70-121, 20 November 1970, Public Affairs Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

Norman H. Chaffee NASA Biographical Data Sheet (August 1995), Norman H. Chaffee Biographical File Public Affairs Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

Norman H. Chaffee Service Record Card, Norman H. Chaffee Personnel File, Human Resources Office, NASA Lyndon B. Johnson Space Center, Houston, TX.

“Robotics Division Sees Reorganization,” Space News Roundup (NASA Lyndon B. Johnson Space Center), 24 May 1991, 4.

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